

Enrico Lavagna

Curriculum vitae et studiorum

Personal information

Name Enrico
Family name Lavagna

Education

- May 2022 **PhD in Physics and Nanoscience**, *Physics Department, University of Genoa*, Genoa, Italy
Thesis: Nanoparticles and biomembranes as models for aggregation in the biological environment
Supervisor: Prof. Giulia Rossi
- October 2018 **Master degree in Physics and Nanosciences**, *Physics Department, University of Genoa*, Genoa, Italy
Thesis: Molecular dynamics simulations of the interactions between fullerenes and model cell membranes: size and aggregation effects
Supervisors: Dr. Giulia Rossi, Dr. Luca Monticelli
Grade: 110/110 *cum laude*
- October 2016 **Bachelor Degree in Physics**, *Physics Department, University of Genoa*, Genoa, Italy
Thesis: Trasformazioni relativistiche dei campi EM - Relativistic Transformations of EM fields
Supervisor: Prof. Lorenzo Mattera
Grade: 110/110 *cum laude*
- July 2013 **High School Diploma**, *Liceo Scientifico O. Grassi, Savona*, Italy
Grade 100/100

Working Experience

- March 2020 – September 2020 **Teaching Assistant**, *Mechanical Engineering Department (DIME) - Università degli studi di Genova*, Genova
Assitant teacher for the second semester of the Physics 1 course, for a total of 25 hours of virtual lectures and exam supervision.
- Sept 2019 – Sept 2020 **Teaching Tutor**, *Mechanical Engineering Department (DIME) - Università degli studi di Genova*, Genova
A total of 30 hours of tutor activity in physics and mathematics for students of the first year.
- March 2019 – September 2019 **Teaching Assistant**, *Mechanical Engineering Department (DIME) - Università degli studi di Genova*, Genova
Assitant teacher for the second semester of the Physics 1 course, for a total of 25 hours of frontal lectures.
- Sept 2018 – July 2019 **Teaching Tutor**, *Mechanical Engineering Department (DIME) - Università degli studi di Genova*, Genova
A total of 41 hours of tutor activity in physics and mathematics for students of the first year.
- Sept 2017 – July 2018 **Teaching Tutor**, *Mechanical Engineering Department (DIME) - Università degli studi di Genova*, Genova
A total of 50 hours of tutor activity in physics and mathematics for students of the first year.

Languages

First language Italian
Other language English

 Computer skills

OS MacOS X, Unix/Linux, Windows
Programming languages C++, L^AT_EX, Bash Scripting, Python
Softwares Microsoft Office Suites, GIMP/Photoshop, GROMACS, Quantum Espresso, Jupyter Notebook

